

Project One, Block Island:

**Residential Home**

**System Description:** Grid Isolated Solar Electric and Wind Energy Systems.

**Output:** Solar Electric 400 watts,  
Wind Electric 300 watts.



Project Two, Block Island:

**Residential Home**

**System Description:** Grid Isolated Solar Electric System.

**Output:** Solar Electric 480 watts.



Project Three, Block Island:

**Bed & Breakfast**

**System Description:** Grid Isolated Solar Electric System.

**Output:** Solar Electric 916 watts.



Project Four, Block Island:

**Residential Home**

**System Description:** Grid Interconnected Solar Electric System and Wind Energy System.

**Output:** Solar Electric 1,440 watts, Wind Electric 900 watts.



Project Five, Block Island:

**Residential Home**

**System Description:** Grid Isolated Solar Electric System and Wind Energy System.

**Output:** Solar Electric 3,000 watts, Wind Electric 600 watts.



Project Six, Block Island:

**US Post Office**

**System Description:** Grid Interconnected Solar Electric System with Battery Backup.

**Output:** 6,000 watts.



Project Seven, Block Island:

**Residential Home**

**System Description:** Grid Isolated Solar Electric and Wind Energy Systems.

**Output:** Solar Electric 250 watts, Wind 300 watts.



Project Eight, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 32 square feet.





Project Nine, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 64 square feet.



Project Ten, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 64 square feet.



Project Eleven, Block Island:

**Residential Home**

**System Description:** Residential Grid Interconnected Solar Electric System with battery backup.

**Output:** 3,080 watts.



Project Twelve, Block Island:

**Residential Home**

**System Description:** Grid Interconnected Solar Electric and Solar Thermal Systems.

**Output:** Solar Electric 1,900 watts, Solar Thermal 32 square feet.



Project Thirteen, Block Island:

**Marine System**

**System Description:** Example of type of installation.

**Output:** 64 watts.



Project Fourteen, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 96 square feet.





Project Fifteen, Block Island:

**Residential Home**

**System Description:** Grid Isolated Solar Electric System.

**Output:** 33 watts.



Project Sixteen, Block Island:

**Residential Home**

**System Description:** Grid Isolated Solar Electric System and Wind Energy System.

**Output:** Solar Electric 800 watts, Wind 200 watts.



Project Seventeen, Block Island:

**Shellfish Farm**

**System Description:** Grid Isolated Solar Electric System.

**Output:** 960 watts.



Project Eighteen, Block Island:

**Residential Home**

**System Description:** Grid Interconnected Solar Electric and Solar Thermal Systems.

**Output:** Solar Electric 2,000 watts, Solar Thermal 64 square feet.



Project Nineteen, Block Island:

**Residential Home**

**System Description:** Grid Isolated Solar Electric System.

**Output:** 600 watts.



Project Twenty, Block Island:

**US Fish and Wildlife**

**System Description:** Grid Isolated Solar Electric and Solar Thermal Systems.

**Output:** Solar Electric 1,920 watts, Solar Thermal 32 square feet.





Project Twenty-one, Block Island:

**Residential Home**

**System Description:** Grid Isolated Solar Electric System.

**Output:** 600 watts.



Project Twenty-two, Block Island:

**Ocean View Pavilion**

**System Description:** Grid Isolated Solar Electric System.

**Output:** 350 watts.



Project Twenty-three, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 64 square feet.





Project Twenty-four, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 64 square feet.



Project Twenty-five, Block Island:

**Residential Home**

**System Description:** Grid Interconnected Solar Electric and Solar Thermal Systems.

**Output:** Solar Electric 2,000 watts, Solar Thermal 64 square feet.



Project Twenty-six, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 96 square feet.

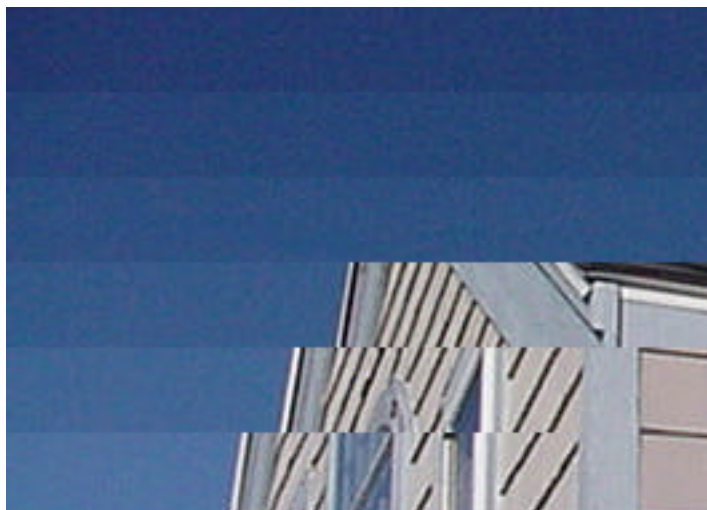


Project Twenty-seven, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 40 square feet.



Project Twenty-eight, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 64 square feet.



Project Twenty-nine, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 64 square feet.





Project Thirty, Block Island:

**Town of New Shoreham Town Beach:**

**System Description:** Six solar collector, open loop seasonal domestic water heating system for heating shower water. Displaces #2 oil.

**Output:** 192 square feet.



Project Thirty-one, Block Island:

**Town of New Shoreham Hospitality Center**

**System Description:** Solar Thermal System.

**Output:** 64 square feet.



Project Thirty-two, Block Island:

**Town of New Shoreham New Harbor Public Restrooms**

**System Description:** Grid isolated lighting system with occupancy sensors to provide light to a bathroom facility that previously had no power. This project has allowed the facility to stay open until mid-evening.

**Output:** 100 watts.



Project Thirty-three, Block Island:

**BI School**

**System Description:** Grid Interconnected Solar Electric System with Battery Backup.

**Output:** 5,000 watts.



Project Thirty-four, Block Island:

**Marine System**

**System Description:** Example of type of installation.

**Output:** 64 watts.



Project Thirty-five, Block Island:

**Residential Home**

**System Description:** Solar Thermal System. (No Picture Available)

**Output:** 32 square feet.

Project Thirty-six, Block Island:

**Block Island Marine**

**System Description:** One solar powered street light used for safety and security. Owner could not add conventional lighting due to electrical load constraints of existing wire.

**Size:** Light output 60 watt CFL.



Project Thirty-seven, Block Island:

**Residential Home**

**System Description:** Grid Interconnected Solar Electric and Solar Thermal Systems.

**Output:** Solar Electric 1,200 watts, Solar Thermal 64 square feet.





Project Thirty-eight, Block Island:

**North Lighthouse**

**System Description:** Grid Isolated Solar Electric and Wind Energy Systems.

**Output:** Solar Electric 480 watts, Wind 1,000 watts.



Project Thirty-nine, Block Island:

**Ocean View Foundation Cullinen House:** Facility used for retreats and education.

**System Description:** Grid Interconnected Solar Electric System with battery backup, and solar assisted radiant floor and domestic water heating system that displaces #2 oil.

**Output:** Solar Electric 2,000 watts, Solar Thermal 96 square feet.



Project Forty, Block Island:

**Residential Home and Apartment**

**System Description:** Solar Thermal System.

**Output:** 96 square feet.



Project Forty-one, Block Island:

**Residential Home**

**System Description:** Grid Interconnected Solar Electric System.

**Output:** 1,440 watts.



Project Forty-two, Block Island:

**Residential Home**

**System Description:** Grid Interconnected Solar Electric System.

**Output:** 2,000 watt



Project Forty-three, Block Island:

**Residential Home**

**System Description:** Grid Isolated Solar Electric System.

**Output:** 660 watts.





Project Forty-four, Block Island:

**Residential Home**

**System Description:** Grid Interconnected Solar Electric System.

**Output:** 1,440 watts.



Project Forty-five, Block Island:

**Residential Home**

**System Description:** Solar Thermal System

**Output:** 64 square feet.



Project Forty-six, Block Island:

**Nature Conservancy**

**System Description:** Grid Interconnected Solar Electric System.

**Output:** 1,000 watts.



Project Forty-seven, Block Island:

**Residential Home**

**System Description:** Solar Thermal System.

**Output:** 64 square feet.



Project Forty-eight, Block Island:

**Residential Home**

**System Description:** Grid Interconnected Solar Electric System.

**Output:** 800 watts. (No Picture Available)

Project Forty-nine, Coventry:

**Aperion Foundation**

**System Description:** Solar Electric Grid  
Interconnected.

**Output:** 2,010 watts.



Project Fifty, Middletown:

**BJ's Wholesale Club**

**System Description:** Solar Electric Grid  
Interconnected.

**Output:** 43,000 watts.



Project Fifty-one, Warren:

**TPI Inc.**

**System Description:** Solar Electric  
Grid Interconnected.

**Output:** 24,900 watts.





Project Fifty-two, Wakefield:

**Residential Home**

**System Description:** Solar Domestic Hot Water.

**Output:** 64 square feet.



Project Fifty-three, Middletown:

**Residential Home**

**System Description:** Solar Electric Grid Interconnected.

**Output:** 120 kW.



Project Fifty-four, Portsmouth:

**Residential Home**

**System Description:** Solar Electric Grid Interconnected.

**Output:** 5 kW.



Project Fifty-five, Warwick

**Residential Home**

**System Description:** Solar Electric Grid Interconnected.

**Output:** 1,270 watts.



Project Fifty-six, Bristol:

**Roger Williams Zoo**

**System Description:** Solar Electric Grid Interconnected.

**Output:** 2,010 watts.



Project Fifty-seven, Foster:

**Residential Home**

**System Description:** Solar Electric Grid Interconnected and Solar Domestic Hot Water.

**Output:** 850 watts and 40 square feet.





Project Fifty-eight, Block Island:

**Residential Home**

**System Description:** Solar Domestic Hot Water.  
(Solar Electric System is Project Forty-two)

**Output:** 64 square feet.



Project Fifty-nine, Wakefield:

**Residential Home**

**System Description:** WECS.

**Output:** 10,000 watts



## *Projects Installed, Capacity and Energy*

Funded Technology	Project Number	Capacity	Energy
<b>Wind</b>	<b>6</b>	<b>14,200 watts</b>	<b>27,086 kWh</b>
<b>Solar Electric</b>			
On-grid	<i>23</i>	<i>229,091 watts</i>	<i>359,672 kWh</i>
Off-grid	<u><i>19</i></u>	<u><i>9,907 watts</i></u>	<u><i>15,078 kWh</i></u>
Subtotal solar electric	<b>42</b>	<b>238,998 watts</b>	<b>421,905 kWh</b>
Subtotal Electric	<b>48</b>	<b>243,198 watts</b>	<b>448,991 kWh</b>
<b>Solar Thermal</b>	<u><b>24</b></u>	<b>1,608 sq. feet</b>	<b>530 MMBTUs</b>
<b>Total All Projects</b>	<b>72</b>		

## *Pollution Avoided Over 25 Year Life, lbs*

CO2	SOx	NOx
32,141,700	24,458	25,642